



County Seat: Virginia City

2009 MADISON COUNTY HEALTH PROFILE

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http://madison.mt.gov/departments/public_health/public_hlth.asp

Health Officer: Sarah Googe, MD (406) 842-5103

DEMOGRAPHICS Area			MADISON COUNTY 3,587 square miles					MONTANA 145,552 square miles				
Population Density and Status		2.1 /sq. mi. (frontier)					6.6 /sq. mi. (45 frontier, 10 rural, 1 urban)					
Urban Population ¹			0%					54%				
Population ² :	-by Gender, Race	Male	Female	White	Am Ind	Other	Male	Female	White	Am Ind	Other	
		3,826	3,683	7,353	50	106	484,485	482,955	875,221	62,303	29,916	
	-by Age Group	0-4	5-9	10-14	15-19	<18	0-4	5-9	10-14	15-19	<18	
		284	358	395	440	1,337	61,114	58,294	60,436	66,597	220,358	
		19-24	25-44	45-64	65+	Total 18+	18-24	25-44	45-64	65+	Total 18+	
		578	1,639	2,523	1,432	6,172	95,232	236,297	278,241	137,312	747,082	
		Total Population: 7,509					Total Population: 967,440					
Median Age by Gen	Median Age by Gender, Race (in years) ¹		Male	Fem	White	Am Ind	All	Male	Fem	White	Am Ind	
		43	44	43	44	45	38	37	39	39	24	
Educational Attainment of the		HS Graduate (or GED) Bachelor Degree				HS Graduate (or GED) Bachelor Degree						
Population 25 years or Older ¹			90%		26%			87%	24%		4%	
Unemployment Rate	9 ³			3.7%					4.5%			
Median Household Income ⁴		\$40,949					\$43,000					
Per Capita Income ⁵		\$34,078					\$33,225					
Percent of Population Below Federal Poverty Level (FPL) ¹ :	-by Age Group	All ages		<18	18+	65+	All ages		<18	18+	65+	
		12		15	11 9		14		19	13	9	
	-by Income as Percent of FPL	<50%	<100%	<150%	<185%	<200%	<50%	<100%	<150%	<185%	<200%	
		5	12	26	35	37	6	15	26	34	37	
Percent of Population with Health Care Costs covered by a Government Payor		Medicaid ⁶ Me		Medi	icare ⁷ CHIP ⁶		Medicaid ⁶		Medicare ⁷		CHIP ⁶	
		5			19 2		11		17		2	
Percent of Medicaid	Population			18					22			
Receiving Mental He	ealth Services ⁸			10					22			
Percent of Population Without Health			Under 65					Under 65				
Insurance (95% confidence interval) ⁹		29 (+/-3.3)					19 (+/-1.1)					
Percent of Persons 21 Years and Older		21 - 64 65			5 and older		21 - 64		65 and older			
with a Disability (number) ¹		14 (n=544) 37 (n=418)				17 (n=85,337) 40 (n=45,284)						

¹ 2000 Census.

² 2008 Census Bureau Estimate.

³ 2008, MT Department of Labor & Industry.

⁴ 2007, Census Bureau Small Area Income & Poverty Estimates (SAIPE).

⁵ 2007, U.S. Bureau of Economic Analysis.

⁶ FY2009, MT Dept. of Public Health & Human Services (DPHHS).

⁷ 2008, Mountain Pacific Quality Health Foundation.

⁸ FY2008, DPHHS.

⁹ 2006, Census Bureau Small Area Health Insurance Estimates (SAHIE).

2009 MADISON COUNTY HEALTH PROFILE

10.3 (n-12) 43.7 (n-29) 37.9 (n-6.19) 66.8 (n-60.473)	HEALTH STATUS INDICATORS	l	MADISON	COUNT	Y	MONTANA				
10.3 (n-12) 4.3 7 (n-299) 37.9 (n-6.199) 68.8 (n-60.473)	Fertility Rates (births per 1,000 females per age group) 10		Females 15-19		Females 15-44		Females 15-19		Females 15-44	
Percent receiving adequate care) 60					n=259)	37.9 (n	=6,199)	66.8 (n		
Live Births per 1,000 Population	Prenatal Care (percent beginning care in the first trimester;	` '		Adequ	ate Care	1 st Tri	mester	Adequ	Adequate Care	
Infant Mortality (deaths per 1,000 live britins) 3.8 6.1	percent receiving adequate care) 10				72	6	35		•	
Infant Mortality (deaths per 1,000 live britins) 3.8 6.1	Live Births per 1,000 Population 10		9.1 (n=	=260)						
Percent of Mothers Who Smoked During Pregnancy 9	·		3.	8			(6.1		
Percent of Mothers Who Smoked During Pregnancy 10 10 18 10 10 18 10 10			4							
Deaths per 1,000 Population 0			10)						
Marie Female Maje Maj		· · · · · · · · · · · · · · · · · · ·								
Table Tabl			`, '				ale	Female		
Bo	(in years): ¹⁰	7	73	84				82		
The ART DISEASE 2 CANCER 1 CANCER 2 HEART DISEASE 3 ACCIDENTS	-by Race	White	Am Ind			_		All		
Leading Causes of Death 10 3. ACCIDENTS 3. CLRD	,	80	73		30	79	59		78	
Age-adjusted Heart Disease Death Rate (per 100,000 population) 10 235.8 (n=85) 19.8 3. (n=9.389) 168.8	40	1. HEART	DISEASE			1. CA	NCER	2. HEAR	T DISEASE	
Age-adjusted Heart Disease Death Rate 10	Leading Causes of Death 10	3. ACCIDENTS								
Age-adjusted Heart Disease Death Rate 10	Heart Disease Death Rate (per 100,000 population) 10		235.8 (n=85)			198.3 (n=9.369)			
Unintentional Injury Death Rate (per 100,000 population) ¹⁰ Non-Motor Vehicle S2.7 (n=19) 25.5 (n=1.205) Percent of Motor Vehicle (rashes Involving Alcohol ¹¹ 14 (n=125) 10 (n=10,989) Suicide Rate (per 100,000 population) ¹⁰ 19.4 (n=7) 20.3 (n=961) Cancer Incidence Rate (diagnoses per 100,000 population; 95% confidence interval) ¹² 455.5 (+/-5.8) Chlamydia Incidence Rate (reported cases per 100,000) ¹³ 33.3 (n=12) 285.3 (n=13,494) THEALTH RESOURCE ASSESMENT MADISON COUNTY MONTANA (Cacal Hospitals, Critical Access Hospitals [CAH], and Total Number of Beds ¹⁴ 0 2 20 17 45 2.978 Rural Health Clinics [RHC], Community Health Centers [CHC], and IHS-Tribal Health Facilities (number) ¹⁴ 4 1 0 45 31 14 Availability of Basic and Enhanced 9-1-1 Services ¹⁶ 8 14 1 0 45 31 14 Availability of Emergency Medical Services: ¹⁴ 8 MADISON COUNTY Wireless 43 counties; Wireless 43 counties; Miralth (support Services on N/A Availability of Emergency Medical Services: ¹⁶ Alder, Cameron, Ennis, Harrison, Sheridan, Twin Bridges Advanced Life Support Services 6 Alder, Cameron, Ennis, Harrison, Sheridan, Twin Bridges Advanced Life Support Services 6 Alder, Cameron, Ennis, Harrison, Sheridan, Twin Bridges Alder, Camero			` ,				16	68.8		
Non-Motor Vehicle 52.7 (n=19)										
Percent of Motor Vehicle Crashes Involving Alcohol 1			52.7 (ı	า=19)			61.0 (n=2.881)			
Suicide Rate (per 100,000 population) 19.4 (n=7) 20.3 (n=961)	Motor Vehicle	()				` ' '				
Suicide Rate (per 100,000 population) 19.4 (n=7) 20.3 (n=961)	Percent of Motor Vehicle Crashes Involving Alcohol 11	, ,				\ . · · /				
Cancer Incidence Rate (diagnoses per 100,000 population; 95% confidence interval) 2		,				` ,				
343.7 (H/-53.2) 345.5 (H/-5.8)		, ,				,				
HEALTH RESOURCE ASSESSMENT	95% confidence interval) 12	343.7 (+/-53.2)				455.5 (+/-5.8)				
Local Hospitals, Critical Access Hospitals [CAH], and Total Number of Beds¹⁴ Rural Health Clinics [RHC], Community Health Centers [CHC], and IHS-Tribal Health Facilities (number)¹⁴ Availability of Basic and Enhanced 9-1-1 Services¹⁵ Availability of Emergency Medical Services:¹⁴ Basic Life Support Services Advanced Life Support Services Advanced Life Support Services Adult Foster Care [AFC], and Adult Day Care [ADC] Licenses¹⁴ Home Care Services: Number of Home Health Agency [HHA] and Hospice Licenses¹⁴ Primary Care Provider Resources: Doctors [MDs and DOs], Nurse Midwives [NMW], Nurse Practitioners [NP], and Physician's Assistants [PA-C]¹⁵ Dental Resources: Dentists & Dental Hygienists¹⁶ Health Professional Shortage Areas [HPSA]¹¹′ Mental Health HPSA: Yes Dental HPSA: All	Chlamydia Incidence Rate (reported cases per 100,000) 13	33.3 (n=12)				285.3 (n=13,494)				
Number of Beds¹⁴ Rural Health Clinics [RHC], Community Health Centers [CHC], and IHS-Tribal Health Facilities (number)¹⁴ Availability of Basic and Enhanced 9-1-1 Services¹⁵ Availability of Emergency Medical Services:¹⁴ Basic-5 counties; Enhanced-55 counties; Enhanced-56	HEALTH RESOURCE ASSESSMENT	ı	MADISON	COUNTY		MON		ITANA	TANA	
Rural Health Clinics [RHC], Community Health Centers [CHC], and IHS-Tribal Health Facilities (number) 14	Local Hospitals, Critical Access Hospitals [CAH], and Total	Local F	lospitals	CAH	# beds	Local H	lospitals	CAH	# beds	
and IHS-Tribal Health Facilities (number) 14 Availability of Basic and Enhanced 9-1-1 Services 15 Availability of Emergency Medical Services: 14 Basic Life Support Services Advanced Life Support Services Advanced Life Support Services Advanced Life Support Services Advanced Life Support Services Alder, Cameron, Ennis, Harrison, Sheridan, Twin Bridges Advanced Life Support Services Alder, Cameron, Ennis, Harrison, Sheridan, Twin Bridges Alf Basic-5 counties;	Number of Beds ¹⁴		0	2	20	1	7	45	2,978	
Availability of Basic and Enhanced 9-1-1 Services 15 Availability of Emergency Medical Services: 14 Basic Life Support Services Advanced Life Support Services Advanced Life Support Services Advanced Life Support Services Advanced Life Support Services O N/A Nursing Homes (number of facilities and beds) 14 2 (79 beds) 88 (7,089 beds) 88 (7,089 beds) ABIF AFC ADC ALF AFC ADC ADC ADC ALF AFC ADC ADC ADC ADC ADC ADC ADC ADC ADC AD	Rural Health Clinics [RHC], Community Health Centers [CHC],	RHC	CHC	IHS-	Tribal	RHC	CHC	IHS-	Tribal	
Availability of Basic and Enhanced 9-1-1 Services Availability of Emergency Medical Services: Availability of Emergency Medical Services: Basic Life Support Services	and IHS-Tribal Health Facilities (number) 14	4	1	1 0			45 31 14			
Basic Life Support Services Advanced Life Support Services Advanced Life Support Services O N/A Nursing Homes (number of facilities and beds) 14 Aging Services: Number of Assisted Living Facilities [ALF], Adult Foster Care [AFC], and Adult Day Care [ADC] Licenses 14 Home Care Services: Number of Home Health Agency [HHA] and Hospice Licenses 14 Primary Care Provider Resources: Doctors [MDs and DOs], Nurse Midwives [NMW], Nurse Practitioners [NP], and Physician's Assistants [PA-C] 16 Dental Resources: Dentists & Dental Hygienists 16 Health Care Provider Shortage Status: Basic Life Support Services 0 N/A 2 (79 beds) 88 (7,089 beds) AFC ADC ALF AFC ADC ALF AFC ADC ALF AFC ADC ALF AFC ADC ADC ALF AFC ADC ADC ALF AFC ADC ADC ADC ADC ALF AFC ADC ADC ADC ADC ADC ADC ADC ADC	Availability of Basic and Enhanced 9-1-1 Services ¹⁵	Ennanced								
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Advanced Life Support Services 0 N/A Nursing Homes (number of facilities and beds) 14 Aging Services: Number of Assisted Living Facilities [ALF], Adult Foster Care [AFC], and Adult Day Care [ADC] Licenses 14 Home Care Services: Number of Home Health Agency [HHA] and Hospice Licenses 14 Primary Care Provider Resources: Doctors [MDs and DOs], Nurse Midwives [NMW], Nurse Practitioners [NP], and Physician's Assistants [PA-C] 16 Dental Resources: Dentists & Dental Hygienists 16 Health Care Provider Shortage Status: ALF AFC ADC ALF AFC ADC ALF AFC AFC ADC ALF AFC ADC ALF AFC AFC ADC ALF AFC AFC AFC ADC AUTO ASSISTANT BOLISTANT ATT ASSISTANT ATT ASSISTANT AFC ADC ALF AFC AFC AFC AFC AFC AFC AFC ADC ALF AFC AFC ADC ALF AFC AFC AFC AFC AFC ADC AUTO ASSISTANT BOLISTANT ATT ASSISTANT ATT ASSISTANT ATT ASSISTANT AFC AFC AFC AFC AFC AFC AFC AF										
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Aging Services: Number of Assisted Living Facilities [ALF], Adult Foster Care [AFC], and Adult Day Care [ADC] Licenses 14 Home Care Services: Number of Home Health Agency [HHA] and Hospice Licenses 14 Primary Care Provider Resources: Doctors [MDs and DOs], Nurse Midwives [NMW], Nurse Practitioners [NP], and Physician's Assistants [PA-C] 16 Dental Resources: Dentists & Dental Hygienists 16 Health Care Provider Shortage Status: Primary Medical Care HPSA: Harrison, Madison Valley & Virginia City CCDs; Madison Valley Clinic; Twin Bridges RHC; Low income population Mental Health HPSA: All							88 (7.0	39 beds)		
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Home Care Services: Number of Home Health Agency [HHA] and Hospice Licenses 14 0 1 42 36 Primary Care Provider Resources: Doctors [MDs and DOs], Nurse Midwives [NMW], Nurse Practitioners [NP], and Physician's Assistants [PA-C] 16 6 0 3 5 1,210 40 413 362 Dental Resources: Dentists & Dental Hygienists 16 1 9 583 559 Health Care Provider Shortage Status: Primary Medical Care HPSA: Harrison, Madison Valley & Virginia City CCDs; Madison Valley Clinic; Twin Bridges RHC; Low income population Mental Health HPSA: Yes Dental HPSA: All										
and Hospice Licenses 14 O 1 42 36 Primary Care Provider Resources: Doctors [MDs and DOs], Nurse Midwives [NMW], Nurse Practitioners [NP], and Physician's Assistants [PA-C] 16 Dental Resources: Dentists & Dental Hygienists 16 Dentists Dential Hygienists 1 9 583 559 Primary Medical Care HPSA: Harrison, Madison Valley & Virginia City CCDs; Madison Valley Clinic; Twin Bridges RHC; Low income population Mental Health HPSA: Yes Dental HPSA: All	Home Care Services: Number of Home Health Agency [HHA]		, ,				· · ·			
Nurse Midwives [NMW], Nurse Practitioners [NP], and Physician's Assistants [PA-C] ¹⁶ Dental Resources: Dentists & Dental Hygienists ¹⁶ Health Care Provider Shortage Status: Health Professional Shortage Areas [HPSA] ¹⁷ Mental Health HPSA: Yes Dental HPSA: All	and Hospice Licenses ¹⁴				1				•	
Nurse Midwives [NMW], Nurse Practitioners [NP], and Physician's Assistants [PA-C] ¹⁶ Dental Resources: Dentists & Dental Hygienists ¹⁶ Health Care Provider Shortage Status: Health Professional Shortage Areas [HPSA] ¹⁷ Mental Health HPSA: Yes Dental HPSA: All	Primary Care Provider Resources: Doctors [MDs and DOs],	MD/DO	NMW	NP	PA-C	MD/DO	NMW	NP	PA-C	
Dental Resources: Dentists & Dental Hygienists 16 Dentists Dental Hygienists Dental Hygienists 1 9 583 559 Health Care Provider Shortage Status: Primary Medical Care HPSA: Harrison, Madison Valley & Virginia City CCDs; Madison Valley Clinic; Twin Bridges RHC; Low income population Mental Health HPSA: Yes Dental Hygienists Dental Hygienists 1 9 583 559 Mental Health PSA: Harrison, Madison Valley & Virginia City CCDs; Madison Valley Clinic; Twin Bridges RHC; Low income population Mental Health HPSA: All	Nurse Midwives [NMW], Nurse Practitioners [NP], and			.,,			14/1144		1 7 0	
Dental Resources: Dentists & Dental Hygienists 1 1 9 583 559 Health Care Provider Shortage Status: Primary Medical Care HPSA: Harrison, Madison Valley & Virginia City CCDs; Madison Valley Clinic; Twin Bridges RHC; Low income population Mental Health HPSA: Yes Dental HPSA: All	Physician's Assistants [PA-C] ¹⁶	6	0	3	5	1,210	40	413	362	
Health Care Provider Shortage Status: Primary Medical Care HPSA: Harrison, Madison Valley & Virginia City CCDs; Madison Valley Clinic; Twin Bridges RHC; Low income population Mental Health HPSA: Yes Dental HPSA: All	Dental Resources: Dentists & Dental Hygienists ¹⁶		7.5							
Valley Clinic; Twin Bridges RHC; Low income population Health Professional Shortage Areas [HPSA] 17 Mental Health HPSA: Yes Dental HPSA: All										
Dental HPSA: All	-	Valley	Clinic; Twin	Bridges RF	,	,	0	City CCDs	; Madison	
	Health Professional Shortage Areas [HPSA] 17									
	Medically Underserved Areas or Populations [MUA/MUP] 17									

¹⁰ 2004-08 (provisional), Office of Vital Statistics, DPHHS; see Data Definitions for further explanation.

¹¹ 2003-07, MT Dept. of Transportation.

¹² 2003-07, age-adjusted, MT Tumor Registry, DPHHS; (nsd=not sufficient data).

¹³ 2004-08, HIV/STD Section, DPHHS.

¹⁴ 2009, DPHHS. CHC is a satellite location of Butte Community Health Center.

¹⁵ 2009, MT Department of Administration.

¹⁶ 2009, MT Department of Labor & Industry.

¹⁷ 2009, HRSA, U.S. Dept. of Health & Human Services; see Data Definitions for full explanation.